

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Amendments shown by strikethrough (for deleted matter) or underlining (for added matter).

1. (currently amended) A system for detachable joining of at least first and second beams of rectangular cross-section comprising:

a. for said first beam to be joined, a first pair of fixing plates mountable on opposite sides of said first beam and fixable along said first beam by friction maintained by tightening bolts, each one of the fixing plates comprising an inner surface adapted to face said first beam, and an outer surface, which is adapted to face away from said first beam,

b. for said second beam to be joined, a second pair of fixing plates mountable on opposite sides of said second beam and fixable along said second beam by friction maintained by tightening bolts, each one of the fixing plates comprising an inner surface adapted to face said second beam, and an outer surface, which is adapted to face away from said second beam,

~~an~~ one of the outer surfaces of said first pair of fixing plates being bearable against ~~an~~ one of the outer surfaces of said second pair of fixing plates when said first and second beams are arranged to be joined in perpendicular or parallel direction, whereby every surface of the beams is either parallel or orthogonal to every other surface, the relative positions of said first and second pairs of fixing plates being fixed by locking elements in recesses in said outer surfaces of said first and second fixing plates, said locking elements also anchoring the tightening bolts.

2. (previously presented) The system according to claim 1, wherein the locking elements are made of inner threaded sleeves.

3. (previously presented) The system according to claim 2, wherein each fixing plate comprises projections arranged at each corners of the fixing plate.

4. (cancelled)

5. (previously presented) The system according to claim 3, wherein wedges, extending from the projections are arranged to fix the position of the beams in a transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.

6. (previously presented) The system according to claim 2, wherein the sleeves have longitudinal slots.

7. (cancelled)